Aviation Levs McGRAW-HILL PUBLISHING COMPANY, INC. DEC. 22, 1946



Prepping the Pioneer: Northrop Aircraft's tr-motor Pioneer, especially designed for cargo operations and from short runnings, is being groomed for its first flight at Heatherns, Calif, With a first proton useful load, the Pioneer is claimed to take off in 700 ft. It can use a 2,000-ft. runnouy and comply with CAA regulations regarding takes, of with one engine dead.

Post Office Expands 'Copter Mail Tests at New York
Most ambitious trials to date will cover 12,500,000 population area; begin Jan. 6.......Page 29



and vary high valuestic and aver-oil efficiences. The Vickers 715' Accompleton counc seasony selety because of their forged construction, after wright. The Victory Hotoryean serves as no make bling the pillet to got undersided aftertion to flight

The cobin assumptration regton same Victory Variable Yelens Fiston Evos Person which guto-The Victory Horizontic Maters have bigh starting and running forces. The very low increa of their moving party partylls instantoneous starting, step ping and changes in running spend. They also have Videns Bulletin 46-61 overs additional data about the grapt apmoints line of 2000 per hydroxide







escential to effective regulation of interrogional sin tratteer, and without it will have to here alone beer now being readed for that seek by the Hanber on the negative control is but in the international rise field through an mount an appearance of discrepance VEW YOR AIR FORCE-Advence by the Ver-

for consideration of national accrets often a new shortery. VPW commonder-on-chief Louis E. Sorr. in presenting the group's views to the White House, wore, 'Our venture have learned that the outstandpercer as the reserve urilane force known. Conacusher of professional modern divisites ready to

GOP TO CAR -- GOP Named Committee Chaptrel of the five member Civil Aeropayates Board and other becarring quasi-vadicial agencies. Resce saga Domocras, to a Republican, and that eather Londo or one of the two other Democratic retribers of make an exit. Only time can sell whether the GOP will be able to extra enough persone to force

Administration to proflow the proposal consequent mues, Dr. John Frederick's transports

tion report to House Interprete and Porcine Comthen a resource of the localitative recommendations charmonohip of laggreen next year, has not commixed himself yet so chairmen Chirosce Lev's plan so use the report as a besis for drawing up over all promorpring knithman in the arm Coursess.

Airerede Co. it Was Assets Administration. The old Defeate Plants Corn. per un abour \$18,000,000 m build is Howard Hurber about \$7,000,000. WAA inherited DPC's receive and looked in secretor \$1. 500,000 to move and flight and the case on the boso that sizes the Government had put so treels enquery into the periors of telebo year or seed one or should with the clarace that the Government will benefit by the information accumulated in the flight your." WAA expects to take possesses of the firing hore

WAR ASSETS SUPERPLANE-It's not generally

knows, but the principal owner of the mounter fiving

CETTER FART STANDS Considerable and seen Attroct Republican, inst as CAA was commone to mile then cobile Alaboush so explanation was of her tree answer collect on the Denident during in commercian come on a network to the floor \$2,000 is seased that the congroversial formula would not be changed moterially. Observers sucreise that the Pyrair dere wassed to exemine the regulations with the

ATOMIC DIFFICULTIES - Dr. Leis W. Abuser's pultion (see once 16) almost want's delivered. The of the day it was to be given after a rang-sessand-the refuceing to make any decimon on the speech, so on the UN Aromic Feergy Commercion. Buryols. after sureing is down, changed his mind and gave an ofers and then, a few dry later, the Ager again belied before faulty accuracing

CONTROL CHANGES DIM...As the certs due goes will not give the Civil Aerometics Besed egolistics at his requested for control over goorover dements race. CAB consider the sushonty AVIATION NEWS . December 25, 1946



News Digest

Wright Aeromatical Corp. has been working on a peopellic tur-Dr. Yagaraw Bash and Arthur

Assertions Aidhaes after a curcomful set-empted takend on a

Below & Wood

Authoritib Sen Synny

DATE HARMOUT BOOK & SHATE

Volume 6, No. 16

Advertison Index

stay flight, will mutall Jata equip-

Republic Avistion Com. has

For East Air Transport DC-2

with racerd terreso and poor



be made of strenkers steel instead of aluminum and feature swepthick denge of the Northrep XS-4 will make it book like a Flying Triengle. Two court much rader sets will be matelled by AAF at LaGuerius in present CAA tradic control verhods over congested servorts. The a Curtass-Wright has become construction of the XP-57 www AAV two-

and U.S. 19th Air Force in China, and Whiting Willower, former Deto fly them to China. Ceretal in addition to the \$2,000,000 UNESSA-

a Preside Alexantive Corp. has obtended an agreeneed 10-year prevolving Sevings Association of Los Angeles. Half of the less will be used to Culd, which is expected to begin operations early in 1947.

Dur to a typographesal error, October acceptance Spure for the Face-

on a new set debter twee designed to early the British Closter Meteor.

resigned that Stark exhibits have the best obspect technical program AVIATION NEWS . December 25, 1945

MILESTONES OF LEADERSHIP ULTRA SERVICE

-maned to emission year dishere wish. Fly the comfort was-via Copenbeen Oak Spekholm or Seeland

SCANDINAVIAN

AIRLINES SYSTEM

irvered 2,763 planes valued at tweet alones in Navember, the

Downed 565 visions in October, but Applyced, the Navember Saures



Lightplane Dollar Volume Steady Despite November Delivery Slump

Haven manufacturers delicened 2.765 planes valued at 58 pts. 000; trend toward multi-place places seen By WILLIAM KROGER

The lightplane industry one- expressed by numerous absorvers duran the National Arrerest Show substantial in Nevember, over Oc-The company - by - campany

\$1,549,000; Beeck \$3, \$1,397,600; 12 sales were experienced, by the Public 18, \$67,069, 30, \$111,830,

545. \$1,271,900. 638. \$1,4/2 000

Some of the other companies



Keesen Aircraft Corp., Hartford, Cosp., have appeared what is eleisted

developed. A 3-place mashine, the K-125A is expected to fit sameway executive, consucress and governmental uses Model shows a equipped

\$280,000, 25, \$239,000, Paper 670, \$1,355,000, 1,100, \$2,012,980, Ta-

U.S.-Uruguay Sign Air Pact

State Department. The rest way-Two artigon are certificated by CAR to serve the Uraguay captal. Poppers from the West. The reser freedom traffic over two routes one from the U. S. vin the East. Uroguayen serimes will have

reglace. Sentes to be opened in Prolatency take by Country offices with U. S. coul air agreemen

two compares NL Label Approved

CAR has adopted a new part 59 covikan certificable counterparts

AVIATION NEWS * December 25 1946

\$450,000, North Americani 59, U. S. Rocket Engine Flight Test Points Way to New Developments Reaction Meters four-barreled enouge performance in initial flight of XS-1 cours new vists of speed at high altitudes rocket ensures processe apearer efficiency than icts.

The first first of the Bell-bulk X8+), important and supplicant from an aerodynamic aspect, is be- has not been fully developed first to be flown in a paleted surentire new progulation field for very that may skip a store in the evolu-

power at bash speeds at event altiof Frence efficiency and birth regist experts at least new one





B-20 matter step begans its first proceed fight, and phacegraphed in



little chance of any important lass is more powerful, more efficient

a rocket carrier its own dayrest. Four Chembers-The XS-1 enpine contions four combustion menters. Each raws 1,500 lbs the addition of more combustion. as \$8,000 lb thrust

is recent engines no matter what

The XB-1 engine, designated an the 8000C4, was developed by Recompany is bended by welcom noticed assuments who serve bloom lla Pierce, vice-proudent. John

Bougton Matons hav been work-Butter since 2941, and becam de-

speed of the Wint propert it seen syntable for the Bell store. The Aug. 1940, and the first over week defirered to Bell in March, 1868. b No News Plant-The News Itteld

AVIATION NEWS . December 23, 1946

mount several problems subscent us the 9009C4, and which high-The #800C4 consults marriy of "thousies" by turning the splin-

engine. This is believed to sur-

and in addition sould amorreful another event obsective reduce FIve Proposals-There are two has real manufacturer the restallewould element the oursersued octentules It or to write a number

between the first tenior and the

crimicro which would restrot the

markets cardial was \$200,000 al-APLATION CALENDAR Jan. 8-95 - Study of Astronomy Bag Astrol. orders. Sub Califor Study Jan. Address of Tourse States Jan. 1521-15.—All American Air Manageure Mani, Pla. Jan. 10:1625. Assertion Traffo mericana

notice at the center are affect front of the names, then possen back within the wells to the inchambers strong 5.660 decrees the to prevent the rotal from under-

Luscombe Shows Profit Of \$30,000 in October

ports a net uraft for the three menths ending Bost 30 of \$164,employees' bossess, on sales of of \$456,371. The company states

Per 1988-Accres Soney of Photogram approved bear Hering Startens Fort

Feb. 14 Now York Artistics Show, Gran-Control Palests, New York, Feb. 4 1 - Separation Industry Edited Feb \$4-Wegarn Arterios Querentino, Son. HEADLINE NEWS-9 Supersonic Theory Developed in Speech

Dr. Theodore van Kursson fills serious goo in nerodymentic theory as 10th Annual Wright A serious gap in aerodynamic

some flow and prescried new theo- with rappers of about 5,000 miles refer to the market of her where and her here the come

action of the beardary layer and

berwinder frac- number of shout 4 is the maximum

quantities as heretofore liv analyphastied the still undeveloped faire-vs-reaction as now used, he Tirriery to provide consideramediate future affered mission

weight as want sections new in use on stancour sarings. He hehaden with over small wrests and percent out the unnertance in fact

Atomic Aircraft Deemed Unnecessary

Alvania prodicts no neticeable schnotoge ever connectional phoses, less difficulties of rocker creft propulsion, the arrabine four times heavier than the 279 .-

000-lb B-26-that nach a down-

the untustien I can make at this voted the bulk of a harbly-re-

the recket passing at that speed storac energy in reckets that auuse attenue heated horizogen as of the XS-1. One mater neshirm

FRENCH ARROW IET: reverted alone which was shown at the Peru are reliabilities. The samue properties game when that shown is no remo or resonance. Let imperore supply back at an angle of 8E fagrees. Proceed by a James 096 German-tiga engine, the VG 10 has a sport of 27 ft., length of 31 ft., and sneight of about enough to fill and Akroneight digest, the NG to has a spot of 27 ft, single at 31 ft, and theges it side to. The plane, which has not yet flows, is shawn under construction. une dirigible. And it would all be



best describes the activities of these G-E

sides the Jaum brancer, there are offices

GENERAL SE ELECTRIC



own north of a can turbine, the TG-181. the G-B Flight-test Division which was ENGINEERED SYSTEMS recently dedicated at Schenectade. BeHere, work becam under the amortus of Here, too, problems connected with new enumment flight tested. Remember. General Electric is southing on electric engineers will be glad to discuss them with you Assertar Dest. General Steetne Combany, Schenectory S. N. Y.

Power Unated - Another not entered into immediately for problem would be in the field of a closed shop agreement at Arcala, to use except energy far sonce shape. If you read in the papers sewered rocket has been sent to fastistically difficult or expensive

Senator Builey Dead: Was Senate Air Leuler

72, who as chalcrete of the Sention's regulation competition avablocked the rague is his Consulforce The Street upon a serie doment' type operation. He was cuttent, bowever, of the "fan fere-

charing the agreements "Blazel"

United Asks Release From Arcata Contract tion at Arceta, Calif. (Agiarino

run until July 1, 1947. mature that if negotiations were rease of 300 major

With Arrests's for season at an

All-Meral Streak Developed by Group Described as "the most ad-

pertuental produtype has ettato the gallon of 13 octane auto-FAII-Metal-Of all-metal conAll extend surfaces are flash-

dens. When and test surfaces are craft during the war. The Street The first personid-type plane,

cenerally accepted theory that

Tandem Street: Protestage of The Street, insulator tandem eliganted and AFL Building Trades Union's olls- speed of over 179 mph and crucing speed our 199 mph, with estimated

AVIATION NEWS . December 13, 1936

larger

profits lower costs

hetter customers

... they're all yours when you sell AFROMATIC PROPELLERS!

more profesible features then those of Assentance Auco- Amornic-economic planer rate off with up to 30% more Variable Perch Providers Agromatics bridge a signature runs . climb up at 29% from . . . pri rop able equit pe ele surral sale. Acromanes are quier re- cruster reformance on mediators fuel consentation . . . deponstrate, easier to sell, with lower sales costs. Acro- make long, the globs for sale landings with a quick more owners get more from our of fishing. . . become pack-up of the palar overshoods has field better prospects for your other goods and services. Acro-The Agromatic is the only fully automatic variable piach

forces arthurs full course youer or rand used

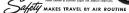
M you were your own takes . . . was couldn't salt for . . . werbook any many controls or radices. Result: Why nor send this page to your manufacturer or distribu-

tor today . . . slong with a nose aslong whether Acromore: Propellers can be made available for the planes you



PPERS CONTANT, INC.







TRAVEL speed and safety are today's requisites in highly competitive fields of American resorpeire. The General Avistica The recycles as important contribution to the correll protection demanded by men who make their business consums by six. The General Aviation Tire is built to one exection stendard . . . Yop-Quality. Under any condition, General's entra-outlier einer die belege place gware . . . entra-safete

... extra dependability ... exten service . . . and lower operating costs

Avieties Divisies THE GENERAL TIRE & PURSEE COMPANY - AVEOU OWN ANDEN ROUND THE WORLD FOR QUALITY AND SAFETY AND

PRODUCTION

Boeing Withdrawal of Model 417 Narrows Feeder Plane Competition

Company influenced by lowered mileage authorized lines by CAR- Reach and Northrop continue work on new planes

> tesing of Resports Model 431 had becam at the Wichita plant when

gard to its Seturn. Both corn

Freedor Mileage - Perhaps the

signistic and may affect the thresh-Both Northrop and Beech postably well remain in the feeder

potture. Neethrop's Propour is Disposial Depression P. Cury ager of Beech, told Axiavous Name, med the company expected that seither they nor appone the could enter the field with "past another telesport simplene". To the com-

eperators. But the passenger cananty of the Propert-36-33-18

area cases. Before the Based being as high as 60,000 Parentees. with five of eleven feeder cases entirement total vector about In re-exemining the feeder mar-

het. Boeing decided that It would lated it could still another not planes in the expect merket. But with a planned schedule of 22 none would wise out its market a sale, the unit price would be feeder lases could pay as could-Deunize more than a year of

PTen Inflament Three is some expectations of what at well be destry well be able to draw expens when CAB completes action on the profit tax refunds on its wartime



from a denses herein in 1630 and continued domine 1043-43 funder coner

behind the harbore solver entry fact one be updeted for often-burning. Stelle throat at son level and 7,500 rpm in 1,760 it; with aften-burning, Engineering and opplessmery

game. By suspending the 417 assembly which officials report has propert now. Beeing will be able

fort of the 427 suppression at Wachels was the layoff of about 600 employees exhauseably seeds

All pives coming off the oppwith special equipment being incompany figured is the bare missilven represent even if there is no it so scheduled that each man can expansion of already-certificated countries his job in 35 minutes will be such extensions cramed the possibility that ease the freder man's side-Another advantage is that the

Cessna Using

Moving Assembly Cosmo Alrerett Co which has oliman to slade from one mostare reached a production rate of and to the next. The company has sinded a converge built restant of the belt measurest automate-

duction propertiesly on its Model imately 10 percent there are 20 stations along each The cornegs closed its assembly for recoveraged and valories lowered sate a conveyor cost ngotion cetting ready for the 290. Cesson now employs 1,500 percomes off the lase complete with off as a refety measure and the Extrebald Affiliate Gere

\$2,000,000 Martin Joh Exercised Section & Airctains

been swarded a \$2,000,500 concommercial planes The Strates system utilizes marnessum allegs and has a tend 990 ft. elittede. At higher levels up to 24.660 ft., if mosstages persoare

When it is time to mave planes Edo Building Two New Floars

Man-hours on the new types-

Madel 2000 for the Biner Name models as compared to services prederency Model 1865, and the Model 1956 costs \$1,256. The ferprecision jig to provide inter-



were specially-drawn abasesses.

V-bottom is formed of flat sheets AVIATION NEWS + December 21, 1946.



Internal Desires London strength and safety are the susteringly builtwhich is shown here

new fast uses stock stonerus

and can be untilled real and on the replacement is the redesigned armacement and reduces the

Lear, Incorporated, Grand Rep-

Stratos Corp. Beanch equipment, has spensed a branch Kenglind Hebern AVIATION NEWS a December 21 2000

Electronic Analyzer

developed by Arrectic Corp.



Weighter 2.299 lb without foct. expensive to operate, and quate

New Products



2.600 cm per va or 500 cm per Matchine the Ronner 189 trues.







Announcing The Bendix



A New Bendix-Developed fuel feed system which injects gasoline directly into each engine cylinder

embasise missage.

Emer stations has back from shorter Anna th Leading ... each colloder issooth receives connect feel charge no manifold condensation No bine from feel reportation

No supra stale or fakarup full find not affected by gazety or menta.

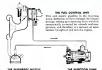
AVIATION NEWS a Devember 21, 1966

.. eoul fai derrhouse mens los vibrane-

Greater possesper comfort

Batter oblively performance

Direct Fuel Injection System!



more wardoom difference of the specific arrow-

pump forces one charge to each engine cylinder, timed for in-

speed 20 sigh at high alreader by using Bender Direct Fuel Injection. eaguse operation and less selection reduce manufacture costs. And of course less sibration and noise contribute importants to passenger conduct. An elkoward folder on the Bender Davet Fael Injection System will be sent upon reggest, Bendty Products Division, Bendty Aviston Corporates, South Bend, Ind. Sendix" greetive aspinsaring helps American eviation lead the world



SPECIAL AIR SERVICES

Charge Certificated Airlines

Are Unfit for Cargo Operations California Fastero Airways sourles route hid by challenging mond of amongly-contificated carriers in foright fields sizes

By CHARLES L. ADAMS conservative tactics of other aprileants, California Sostern Air-

exper of \$5.4 cents a top mile. CAM's sixfreight case with a blagt freight expense of 33.8 cents a tonchallenge of the presently-certal. Trule, and a loss on its cargo openscated acritical fitness to carry attorn of \$15,114 or 7.5 cents a ton male. Thus 1.5 cents a ton male. California Rastern wresented statutical studies compoled by Al- defect which could only be reade via P. Adams & Associates, svintion consultants, purporting to traffe, namely, pessenger or much although chargest much higher American, TWA and Koatern showed proper results. So oneairlines in airfreight until mentrust be sed California Espicia. petition from contract and non- a new common with only a few scheduled earners recently ferred months' operating experience, was

CESSNA IN AMBULANCE BOLD

ion than 12 costs a tan mile and at a qualier ton make deficit Cablerra Essere exhibits showed that in 1995 less than 9 the certificated domestic actions 10 cents a ten raile. As late as recorded by California Empero in

Martin Barren-Entern's orfreight potential by 1899 may reach \$6 tillion ton males sensesilly, visidizer \$470,000,000, seconding to the Adams estimates. How shows heretaine by the certifcated agrices, the stady empha-

traffic manager of Merek & Co. wax introduced to report CEA's been prefective us the sufreight show 1,000 lb. of races weekly via California Eastern and Sada the person superior to oir empress. The certificated sichage, Surjecdeclared, have relieved Merck's entrying energo last number for quently. California Eastern offi-Corn. (The Fiving Tierra), Slick

Arrears and other contract curto-count with those Cults and in ens. flow 2.056,912 ton males, ap-

C-54 in service Feb L. The Onlestarted to Oct. 21. California Rostrate of 122 cents a ten male probcent base rate in 1843 waser too Severese ton reales to 1949 would Air Preight Blandling, Inc., but been

Sally, according to Hay Griston, gen-eral Regards. Capture services to 27062 (Belly)

Eleft From Flying Service, Drabuston

Preseptor Corp., Though. Fig.

vice in the Cadhiana. The colors in headed by E. W. Mightons: Jr. Bitsele, and W. C. Main, of 1000 unifored on nothing man Clin record

Council, vice provided:

kild Springs Abreany, Hei Springs
Arks has used CAM subscrindles in
erroy property and mod between Hos.

Springs and Little Rock. Company
may accorded from chandles dark in Topogle Sinter and Mad has our Franciscoma Air Lines, Onklead, Cul-Indo-Chine, and Dongton, Tre-Early Concession Public Suprise Communication

Asks Helicopter Rouses Herek Flying Service, Inc. teed base operator at Weld-Chambertun Field, Musneapolis,

CAB Blames Pilot In TLA Accident Probable cause of Trans-Luxury

Assisted DC-3 crash near Elks, the street under conditions of the omercial flight plan from

Siko feld Cripag at the time

Air Freight Record Independent Authoritis Associaion a five members. William Au-Service, U. S. Airlines, Shirk Air-

Neverater up 190,009 ton rates



omed to establish maintenance regal intons and studying for shread spended by monther companies. The board will be breded by Bande Gravey, former products of Yalanna Air Engress On, Newsyk. Dossowers Air Fairbit Gers, Chan AVIATION NEWS . December 25 1966

EIN ANCI AL

Airline 'Insiders' Sell Heavily, Current SEC Reports Reveal

Most selling took place before further sheapt decline of

ths.				
жбу		_	_	
	Recent Streck Sides			
by				
Se-		Marre	Shows Majord	
taok	Marke Aldrew Belger B. Johnson	1,000		
do-	Chester S. Front	150	200	
cent	Colombia (Nen)	1,22	230	
	Samend Jenes		ELIM	
NG-				
The	Styreitener sales by a	iomis	stole.	
en-	S. L. Walters	1,007	9660	
PET-	S. M. Frenchille	544 444	MILLER 500	

Bejebby Este

were troupd pay (100) or above. debestures broke sharply and de-First received \$250 of those on-Other shrefeest sales arang thermore regirented) are shown as C. M. Lech. Shoudes & Co. and are prominent on the surface's 2,000 and has benium firm. Leblarly, Howard A Procr was recapes known when bunkers will

Survey Appeaises confronted with an acute financing observe the public reception se- Industry Outlook

nosed of 10,000 of his 253,000 sen Abines. These options are are currently without wine. However, with any appreciation in the thew only small losses for 1944, marker there entlyes will sensor ofter application of try reads; builton into non-arresorated fails

the securities of their sponsored Paper Apprent. restricted country. With PCA now

cerded any new security fistation

tember, 164s, C. R. Smith dis-

In an equipme, "Post War Pronpects For Eighteen Camouston." Harablewer & Weeks stieszets to trance of same relative according field, (4) refinements in believe-

slanes with a value of shoots \$1.5 shapped off and new models in Morking Copital Increased -Thu net working capital for eighteen correction from \$70.6 million of the and of 1908 to \$600 5 withou in their latest published balance which are common hypothelics from its equity in net weeking runstal, Harrhinser & Weeks belarves that such compounts as

Exercises prospects for 1947 appear filled orders are for 51,255 air.

mun, Lockheed, Martin, North American, and United Altereda should registain descript ped-Docking of \$1,385 Planes-Value on Oct. 1, 1246 were reported at 51.585 awalous with a value of \$1.2 billion so that 1947 deliveries

in extracted that of the \$750 and filed sirling orders are placed at vested as person 15,000 shares of epopoximately 2025 suffice.

> creasing volume of ferrigo business Precioing Developments -emphasis on guided aussiles and piletina erreraft, (2) improvement

> > AVIATION NEWS . December 23, 1966

History DOES

Repeat Itself AND SANTA CLAUS IS THE

FELLOW WHO REPEATS IT!



Old South sports and your day of year, but it's o Thisers could be a let enter for the lette old posture and tende that stellib for a new temport bless. This Densies C.76 Globonaries, for exThere's nothing stythical about the operation of a modern sirling. As nankoads increase and reases are expended, the densed for more powerful more effifactories are meeting this demand by constrainty inproving place design and construction, OSTUCO weight ratio, will, as in the part, farage prominently in the place for the safet, faster and more efficient air-



THE OHIO SEAMLESS TUBE COMPANY SALES CAMPERS Channel & House, Colo Chann Bids , 22 North Worder Sr. Cleanback 14, Ohio, 1335 Ginary Side - Detroit I. Mchique, 2017 S. Grand Strd., Streets J. Sann, 717 A. M. S. M. Side - Ser



MAMPIACTURES OF TRANSPIR AND ELECTRIC-WALE STATE THAT WE

often of the markets in an

PPCA Director Sells-Scene

firm, C. M. Lock, Rheedes & Co.

FIXED BASE OPERATIONS SCHOOLS.

ADMA Convention Indicates Big Sales Campaign Underway

Members and steakers at Charge moving of Aviation Dis urbugors & Magnifecturers Association show aggressive antitede: CAA plan to let industry present parts standards

By ALEXANDER MISURELY vention in Charge, indicates that commercial areas, on a basis of a winerous sales comment is non unliferious transportation, not so a

able to reportup them and to use "If we find there is no logical

1966 Preduction Record - John resen Averaft Curp, and chair-

would be a many market in the



NEW SNYDER AIRCRAFT HOME Studer Arrerest Corp., striction parts and supplies distributed

ADMA Elections

inc., Babertsen, Mo., who be Balant Kenty, Air As Busher, of W. Harris Thurs tan, Inc., New York: T. G. Types, Rectar Storage But terr Co. Philadelphia and

were continued in office to the I Convention Formed Meated dis-

Chicago, to confer with CAA and mation, on the proposed orders. BCAA Plan A A Vallegebr CAA engreer, Washington, outdirect bearing on andery. The community will be approved without inspection, on guarantee

State Registration Fee

the form of numeriate, stepcio, etc., to indicate compliance. industry would be, today, if it had arked ADMA President W F Fladgetry Questionnaire-u.A. eurotributers should take on emportreg lines on handle anotheres. These

of 20 profiles, prefignest agreement the manufacturers' victorial G B Van Duren, of Van Duren. Aleccelt Supplies Inc., Minnespstairment: "We will need 30 tires

the namely house our handle a continue operation utilizer only to addressed distributors in their ternteries, was sounded by E T Spectage of Theorem Project

George W. Janoesch, H. of Southand distributors on policies affect-

Orreon Suit Will Test

surreft and \$10 execut regetra-AVIATION NEWS a December 23, 1965

Wisconsin Rejects

standards be qualified

ards were not acceptable, adding

Accuration folding doors open to a 30-dt vaco. Structure occupies 800 sc

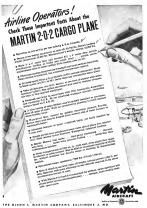
the regularation law. He has rewhere wand in his fixing school. Veterans' Administration, Milwaylifenter, operation records and

surger' Admirontrator, had exnot intended to give thousand in

Small Flight Schools Efforts of the Wissenson Acco-Asks for More Fields egutic Concessedon to obtain apfor more surports in Montago

Howard Merey, Aeronautica are community aspessible of atelected president, other afficure Roy McDann, Miles Cety, first worsecond war-prendent, Wilman

FIXED BASE OPERATIONS-25



Western Stores Obicce To Federal Airport Aid

the Federal-Aid Airport Art has sion through which would be channelled all applications from a fault in the airrord act tem-

Markham New President Of Connecticut Operators

deat and conference in charge of ony 18 years, is refuring, and Joyd C. Christin flight director,

Shabe, who has held a commer-Brech and Benably slanes Bredix radge, Cartmental, Freehtre. Its operational base is Sunders

south of Memphis

Shobe is New Chief

of Southern Air Firm

N. S. State in 1992. Control

Stebe will also continue his

Flying Farmers Another industries that the

Warld

custon, at Herrisburg, Po. Arrort, Jun. 10 William L.

Gliding Service Shifts Base for Winter Flights

Older Awoust after a recounted school quarters at Sanfard (Fla.) Airport, after Christman. Stephen J. Bennes is president





32.5 ft. synagoes, and is 35.5 ft. long Crossing and big. solved and six versions, is adaptable for flows

New Operators Enter Business

Margardi Instrument & Rodio Curp. 22 Paso, Tex has been inlerma Villarrest with \$8,000 su-PA E Covert Corp., Penn Yor. register and mechanemen Davec-Cevert, Louise R. Covert. Lenks

raded to deal up automats parts, etc. by William II Giteor, Kerl P. Avistica Properties, Inc., North oraft parts wholesaler with \$20,-Legea Horton and Rori M. Hyde. | Southville Fixing Service, Press. Preserve Airways, Inc., at Panwith \$3,000 satherized espital steck, to operate an arrield. Incorporators: P. V. William, A.

International Air Mail

Up 28 Percent in November Reference the Nov. 1 rate slark, rune, 25.5 serrent, Africa, 65.1 Hespyhile, domestar surrail

28 - FIXED BASE OPERATIONS

Briefing For Dealers and Distributors

CULVER MODEL V-1-Culver Assertit. Corp. at Wichita is no Borger producted new similation persons a receiving of creditary and stockholders rate of clark thus the record place. Whale returned to other sand chinspread detrologion is also in the offing. Radiothorn are that the company active competitive in the personal plane market within a few moralis time.

STRONG POSITION-As the first full postwar year draws to a place Matteration has advanced to a strong position smoon personal place todo recordadorers, with two-way Strobose radius as stoodard confement on the Paper Seper Craises, the Republic Scales amphibian, Simon Younger 150 and the Refluent Courair, Sr. all suraines in the three- in four-slice class which are expected to be the best setting personal planes in 1865. A major factor in the Hall-gradient road run has been a drawn Angleton Wis. has been incornefeature which eliminates excite sholding requirements. While Bulls crafters are going seln send of the Super Crasters, if not all now commo of the five. there remains a back-har of approximately 16,860 Super-Conners stready delicered without rades which will require them. EGUIPMENT REPLACEMENTS-Accounty transfectures, and their

> rendernier there with new controllable recorders, rules, coloursence, etc. WISCONSIN ARPORT NAP-As up-to-lists may and list of supports and sourcless in Wisconsia is now available. Through the Wisconsia State Accounts Commercial, Medicon, the first edition stop, just insant, will he followed by corrected maps published every 68 days as a corvine to the materier and the france public. The first map shows 125 landing facilities.

Including rengiate buser, in the state, and induction after that are strengthed. An accompanying list of fields given magazon or aperator, length of imput names, includes available, sirgest telephone number and other information of value to the transless from Desgins S-22 executive tempors, Nathons Drystod, Chevroot general manager, and T. H. Kentley, general edes meadors, were able to conduct 22 grantings for ment'y 5,300 gasters and whaleselves in 20 often from Roston to Los Angeles, and from Alberts to Portland, Occ., all within five weeks tupe. The true is another industries of the growing importance of

INDEPENDENTS VS. MANUFACTURERS—Some large independent har in many cases connecting engagement, and backung forward into 1967 for a new test of their place in the avisities industry picture. The problem is created by effects of several plane manufacturers to cleaned pasts ten it crease by course in every place manusconvers is course power replacements directly their own distributes dealers system. Accome the because within their own argunization. One result is Body to be an intensification of takes effort by the his independent supply bosons, and perhaps a greater disconficiality of equipment handed in order to meet befor the needs of their continuers. Do fixed have specified Entrance of Firestance and Standard CO (Adias) in the alrenal accessory supply field.

> -Alexander MoSarely AVIATION NEWS . December 23, 1946

TRANSPORT

Post Office Expands 'Copter Mail Test Program at New York

Most ambitious trials to date will cover population area of 12 556 000 and include ship-to-shore service; see on herin at Los Anneles and Chango, the population While surport-to-post

ris most embetsous behoopter mell menuferkenin and private interpartners in New York, New by Rell Alexadi Cora, Stronky

FThree Large - Three suberban

loops, as presently net up, touch 19 Post Offices within a radius of Post Office. The northern mute should reducted about \$50 makes and part of Roffolk Countries on Long Island, and the western densely populated countries in To County Sould and Names Air port via subcracediste stops (20

Announcement of the New York tests electly followed a laghly-Sunanty 5-518 Inspector M. H. Ackerson declared the experiease as their trading point are

Domon Attacks Pan American Case Pan American Airways' hid for

Pray" carriers when Raigh 5 Testsburg at the CAB bearing all the links required by Pen AA would be in respection lang-band traffic at cread effer a

TRANSPORT - 29



AVEATION NEWS . December 23, 1966

This when PAA contings a rate like figures and accounting one- selected edging that dements agreasonable for its domestic oper- forence at Misers stion, competing corriers would either be forced to the wall from-Ribotte many of the preliments, will set in soon on reports on with ornions of British Western Chi- munth Effective after Jan 1 that case & Southern and Dekts, Dames will feculitate the artilement of ac-

Clearing House Seeks Simplification

adapted now precedure to mine settled in strike or delice conless tecket miss and in lawer Despite IATA's entry unto the demosts retering opposits will the past, it was decaded at this Parvage Us 43 Percent - The

Frater Action - In the fateretacket sales, the Cleaning House The Clearing House plane to settle the informaliantal balances

vertible to either case to rutioned

ence sought without success to

ducting such week aroung different

month's assess meeting of the me- swiner (paneut) strengton

conference officers for next year ore L B Bolston, Marthwest,

Joint CAA-CAB Group Will Make Decisions

Rech and Dayson constitute a

committee The two men will month. Staff suppliers of the race

NEW PLANE AND OLD: Exterior differences between the jumber Despite DC-I and the new Mar-

out in the photograph of the less taken at the Giran L. Horizo Co. plans at Sakimerr Note 200's taugele leading gars, duable man wheels, hope see found 50 matters weather Tecause of the close relations 10-TRANSPORT

AVIATION NEWS . December 21, 1946.

Monarch Will Begin

New Mexico Service

Monayers Avy Lines, Rocky Mountain feeder, has received Selt Lake City to Albuquerous.

expects to have passenger service overfiable over its entire system (Ald 72). The Finnish Steeler has become

da Pinden p Disked Consequented passenger-engitorthe to Vision and Storte Cale or Dec. to Opening of U.A. service to the Twa Falls Goodles cooling of

CAB Affirms Pacific

tim, its cossion in the Parille could come decided but Jane Pe-

AVIATION NEWS a Thousaker 25 1946

Route to Germany secret and curpo will be curred



ATC C-54s will be flown and

powed inarreach as ATC is not-ATC well speed spether dee-

Gift Tickets

ably more are offering tolerts as was Breeze Deits TWA and requirements, although American structured inclusion of tickets to

PCA Will Fly ATC

surgian, which has been

dustry school was taken, any evening to some miles seed

Fore Roise Talk

back to the f-cents a mile pre-

Chicago & Southern Cuts 272 From Domestic Staff

selects and mechanics, at Marphia

and Havers will be added sensi-C & 5 row has 21 dealy fughts between Memobile and Children. Finatern will start service to Adjanfeelities permit of moto syntlable, A. J. Environa?hough Gapder will be retuned as onder for ten Mortin 202n or the

Motson on the West Coost and

SHORTLINES Management prepared accompanies D Chicago & Sauthorn has started

.-----New 14 oz. Fuel Pump

FOR LIGHT PLANES ------

Liefa: for trest-bound flights and Cerner will surpend service Dec. 26 and 26 departing on December h Mid-Contends well improved FPCA corried 561216 To of any freight as Outsider, 76 percent over

a compact little, according a fraid poliuting, vana type and weight GPH, pressure up to 50 PAL seems renge to 4,000 SFM. Averloble

delivery of fast supply to the able in the light place on in hig

Horzooth where EONEC perform

the service, is the forerunner of others aliented for various routes to

Ont: Leibbridge-Edwardton FTWA has newgreed its trumound-

ADF LOOPS Frequency Marters Signal Corp.

the particular to beauty the first

MILLOOD FIELD-MANUAL NO 7

established in Outsider under the new

CAB SCHEDULE

Problem (Decket 2011) Probleman conference on mosts ap-altim of Statute Municipality Ale

20 (Desire Dill et al.)

2 thoring as \$0.40\text{\text{\$\texit{\$\text{\$\text{\$\text{\$\text{\$\text{\$\

Ed S. Bracks on TWA-Dale resigner



Highly experienced girtreft stoffuter. Soft recorrective quival. Stoff position, solary

ERIC METER SYST



a wealth of protection behind a low words Park in Steel REFCHCPAFT West Surrented Book travel methodes, espicied with the arrow sods at our well Book framed methodox, appaped with the proper from at the year

WILMINGTON EDSTON TETESCORD, N. J.

ERIE Airport Fueling Systems



140 ABBE ROAD . ELYRIA, OHIO 12 - TRANSPORT

Broke 80 7750

Soaking the Plane Owner

Accessions that fixed have operators plump excession and investment changes on their services to the excession and investment cleaner to have been flying as long, as persule flying also existed. B. Referrant, Jr., et al. Accessif Owners & Pides Amountain enhanced the premaind debies with a new blank at the Okida-boson Gilty Clinic, and all of this table—much of its unresponsible and unfounded—about a coming shamp in personal flying has intensified the subject since the Clinic definerations.

Any blanket decamination of operators on this acces as unwarranted. But as the Draw has indicated before, there is imple evidence that too many companies see attl assessing prices as high as the traffic will been.

Operators themselves acidem have acciden out

operation conservers at action more speam for appears the greater in the greater

Mn Brayton advance facther that "many times is to necessary to rendor additional repairs. In such instance, the airport operation repair superinterndent should discuss the additional repair with the cantomer by place or in person so that no hard feetings develop. This takes time But it is better to spend a few ministes with the owner in advance that ranks additional repairs and those a downer that ranks additional repairs and those

tell the customer afterward.

"Bepair depois should exterdise good judgment
in helping deep the flyer's cost to minimum.
Planes kept on the greend while the pilot ourse
additional moony to pay off repair tells in not
healthy for the business. When arridiness to these

are customers for gazeline, cd, tree, prope and supplies. Keep those planes flying and we will prosper. Such the customer with heavy repair.

proper Sold the customer with leavy requibilities and we now still be suit of binderses."

National Awardon Tracks Association or Churied
Philis & Medissian Association or Churied
Philis & Medissian Association or Churied
prince and the still be supported to the no
more constructive action for awardon than to
more constructive action for awardon than to
house practices assigned to adopt surfaces
business practices such as those outlined by Mr.
Errytin. The fact body competition reliantly needs
to own "Used Hinterkenging" system with a soil
which will be a support of the support of t

A Move Toward Harmony Formation lost week of a committee to suppose

Government reorganishton acts went into effect in 1903. They ended the undependent status of the office of the Administration of Cortl Agreements and placed it under the Commerce Department. CAB returned its independence.

Since that time the relations of the most important availous agencies, and availance itself, have mafered from sub-interest feetings and pediament.

Since that there the relations of the most unportent awards agenous, and available intell, we mallered from sub-surface feature and gusbauman Meetily severings of cervain regressessives of both appeals have been held for some time but resulting action has been disapposating. The new committee, however, comprise separate largerately and the sub-surface of both assets of

with Administrator Whight as obsilences, and CAB member Clavrace Young as vice obsument A valuable subconstitute of two computes the too technical division heads of the two approxes. The arrangement makes cease, Both CAB and CAA district a pain on the back for this shericreciting of procedure and a slacere effort to sitten convertise for insoftrant paths arrives PROGRESS THROUGH Research The obscorregal propress of perpendical development has been the direct result of untrian engineering offert in research and design. **Today Curtiss-Wright continues this** emphasis in its work of creating terrorray's avordions of the peace and contient of air commerce.

Brossey M. Woon



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